



Cold Climate Housing Research Center

**CCHRC**

## Hybrid Micro Energy Program

Award No. 01163

Quarterly Report: January 1, 2014 to March 31, 2014

Per the terms of the Hybrid Micro-Energy Program (HMEP) grant agreement, the three priority renewable energy systems to be evaluated are:

A small scale biomass combined heat and power (CHP) system that can convert wood into heat and power for use in small scale loads including residences, small community facilities, and potentially small communities and/or neighborhoods.

This portion of the grant was completed with the submission of the final report on March 29<sup>th</sup>, 2012.

A ground source heat pump project that includes solar thermal collection to recharge the ground

Data collection for the heat pump ended on March 31, 2014. The final project report is in progress.

A combined solar photovoltaic (PV) and wind system integrated into an energy efficient load design.

This portion of the grant was completed with the submission of the final report on March 29<sup>th</sup>, 2012.